

# **Solid Waste Stabilization and Disposition (RL-0013)/Operate Waste Disposal Facility (RL-0080)**

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***Significant progress on T Plant  
243T Covered Storage Facility***

## Overview

This section addresses Project Baseline Summary (PBS) RL-0013, *Solid Waste Stabilization and Disposition*, and RL-0080, *Operate Waste Disposal Facility*.

NOTE: Unless otherwise noted, all information contained herein is as of the end of January 2008.

## Notable Accomplishments

- Four shipments (35 cubic meters [m<sup>3</sup>]) to the Waste Isolation Pilot Plant (WIPP) were completed in January.
  - A backlog of 329 m<sup>3</sup> of certified waste was available for shipment at the end of the month.
- A total of 13 m<sup>3</sup> of suspect Transuranic (TRU) waste was retrieved during January.
- During January, an additional 30 m<sup>3</sup> of mixed low-level waste (MLLW) was dispositioned.
  - Completed shipments of 45 m<sup>3</sup> of Tri-Party Agreement (TPA) milestone M-91-43 waste.
  - The Low-level Burial Ground Part A permit modification to allow in-trench treatment was approved by the State of Washington Department of Ecology.

## FY 2008 Funds vs. Spend Forecast (\$M)

		Projected FY 2008 Funding	FY 2008 Fiscal Year Spending Forecast	Variance
RL-0013	Solid Waste Stabilization & Disposition	\$ 252.9	\$ 234.3	\$ 18.6
RL-0080	Operate Waste Disposal Facility	\$ 3.5	\$ 3.0	\$ 0.4
TOTAL:		\$ 256.4	\$ 237.4	\$ 19.0

## Schedule/Cost Performance (\$M)

Current Period (Month)		Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion (FY08)
RL-0013	Solid Waste Stabilization & Disposition	\$17.2	\$15.2	\$16.4	-\$2.0	-11.7%	-\$1.2	-7.9%	\$219.8
RL-0080	Operate Waste Disposal Facility	\$0.2	\$0.2	\$0.2	\$0.0	-10.7%	\$0.0	-10.2%	\$2.6
TOTAL		\$17.4	\$15.4	\$16.6	-\$2.0	-11.7%	-\$1.2	-7.9%	\$222.4

Numbers are rounded to the nearest \$0.1M and include the closure services allocation.

## Schedule/Cost Performance (\$M), continued

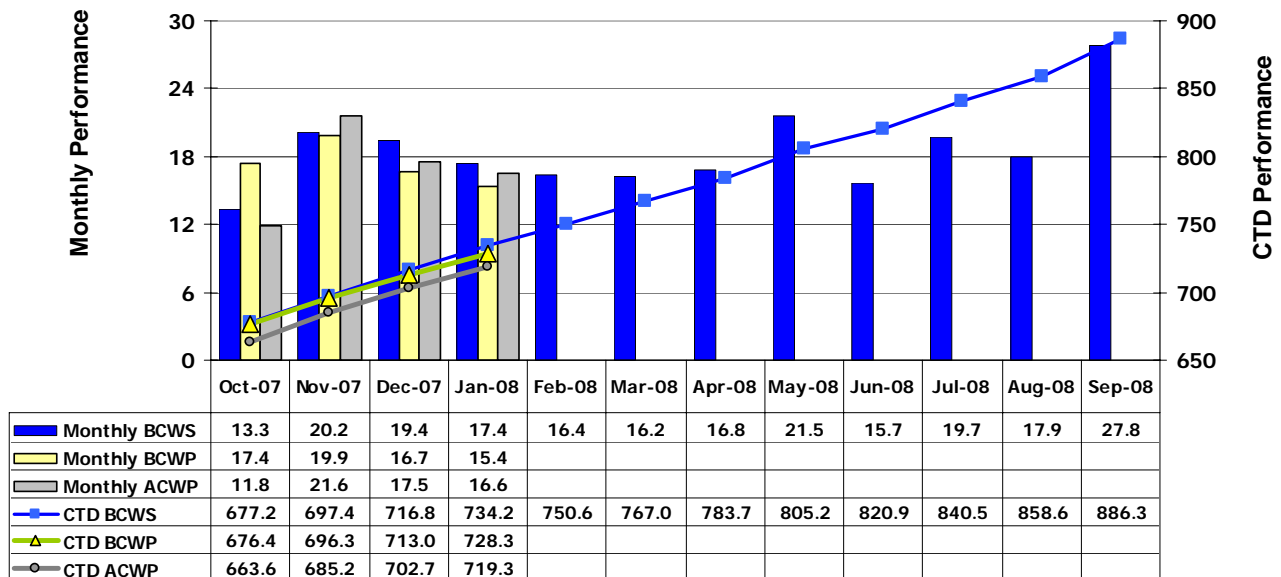
Cumulative-to-Date (FY 2004-Present)		Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion (CTD)
RL-0013	Solid Waste Stabilization & Disposition	\$716.3	\$711.1	\$704.2	-\$5.3	-0.7%	\$6.9	1.0%	\$866.7
RL-0080	Operate Waste Disposal Facility	\$17.9	\$17.3	\$15.1	-\$0.6	-3.3%	\$2.2	12.6%	\$19.7
<b>TOTAL</b>		<b>\$734.2</b>	<b>\$728.3</b>	<b>\$719.3</b>	<b>-\$5.9</b>	<b>-0.8%</b>	<b>\$9.1</b>	<b>1.2%</b>	<b>\$886.3</b>

Numbers are rounded to the nearest \$0.1M and include the closure services allocation.

**CTD Schedule Performance (-\$5.9M/-0.8%):** TRU Retrieval limited production due to weather delays and ongoing Technical Safety Requirements (TSR) compliance issues.

**CTD Cost Performance (+\$9.1M/+1.2%):** TRU Retrieval limited production offset by WIPP Certification efficiencies with higher production for the month.

### Performance Analysis CTD and Monthly (\$M)



## Milestone Achievement

Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) milestones represent significant events in project execution. DOE Enforceable Agreement milestones were established to provide high-level visibility to critical deliverables and specific status on the accomplishment of these key events. The FY 2008 Enforceable Agreement milestone information provided herein is based upon the current baseline including RL-approved changes. Changes from month-to-month in both the total number of milestones to be completed and in the forecast status of upcoming milestones are the result of BCRs approved during the reporting period.

Number	Title	Type	Due Date	Actual Date	Forecast Date	Status/Comment
M-91-42i	Treat 3,000 m <sup>3</sup> of CH TRUM waste	TPA	12/31/06		4/30/2008	Missed*
M-91-12	Complete thermal treatment of a cumulative 600 m <sup>3</sup> of CH MLLW	TPA	11/16/07	6/14/07		Complete
M-91-42D	Treat a cumulative 6,520 m <sup>3</sup> of Waste to LDR Requirements	TPA	12/31/07	12/20/07		Completed
M-91-40E	Retrieve a cumulative 7,200 m <sup>3</sup>	TPA	12/31/07	11/27/07		Completed
M-91-42j	Treat 4,200 m <sup>3</sup> of CH TRUM waste	TPA	12/31/07		CY 2009	Missed*
M-26-01R	Submit Annual LDR Report	TPA	4/30/08		4/30/08	On schedule
M-091-43B	Begin treating RH MLLW & boxes and large containers of CH MLLW	TPA	6/30/08		6/30/08	On schedule
M-91-15	Complete Facilities/Initiate Treatment of RH/CH MLLW	TPA	6/30/08		6/30/08	On schedule
M-91-45E	Submit Report on Completed and Scheduled work on RH Boxes and LC RH/CH Waste	TPA	9/30/08		9/30/08	On schedule

\* Milestone series (M-91-42i, M-91-42j, etc.) renegotiation required. Quantities are unachievable due to combination of waste not being available and necessary throughput exceeding TRU waste processing capacity.